

FIG. 1MTBN1

MTAEPEVRTLREVVLDDQLGTAESRAYKMWLPPLTNPVPLNELIARDRRQPLRFALGIMDE
PRRHLQDVWGVDVSGAGGNIGIGGAPQTGKSTLLQTMVMSAAATHSPRNVQFYCIDLG
GLIYLENLPHVGGVANRSEPDKNRVVAEMQAVMRQRETTKEHRVGSIGMYRQLRDDPS
QPVASDPYGDVFLIIDGWPGFVGEFPDLEGQVQDLAAQGLAFGVHVIISTPRWTELKSRV
RDYLGTKIEFRLGDVNETQIDRITREIPANRPGRAVSMEKHHLMIGVPRFDGVHSADNLV
EAITAGVTQIASQHTAQAPPVRVLPERIHLHELDPNPPGPESDYRTRWEIPIGLRETDLT
PAHCHMHTNPHLLIFGAASKGKTTHAIAIARAICARNSPQQVRFMLADYRSGLLDAVPDT
HLLGAGAINRNSASLDEAVQALAVNLKKRLPPTDLTTAQLRSRSWWSGFDVLLVDDWHM
IVGAAGGMPMPMAPLAPLLPAAADIGLHIIVTCQMSQAYKATMDKFVGAAFGSGAPTMFLS
GEKQEFPSSEFKVKRRPPGQAFVLVSPDGKEVIQAPYIEPPEEVFAAPPSAG*

MTBN2

MEKMSHDPAAADIGTQVSDNALHGVTAGSTALTSVTGLVPAGADEVSAQAATAFTSEGIQ
LLASNASAQDQLHRAGEAVQDVARTYSQIDDGAAAGVFAE*

MTBN3

MLWHAMPPELNTARLMAGAGPAPMLAAAAGWQTLAALDAQAVELTARLNSLGEAWTGGG
SDKALAAATPMVVWLQTAQTAKTRAMQATAQAAAQYQAMATTPSLPEIAANHITQAVLT
ATNFFGINTIPIALTEMDYFIRMWNQAALAMEVYQAEAVNTLFEKLEPMASILDPGASQ
STNPIFGMPSPGSSTPVGQLPPAATQTLGQLGEMSGPMQQLTQPLQQVTSLSFQVGGTG
GGNPADEEAAQMGLLGTSPLSNHPLAGGSGPSAGAGLLRAESLPGAGGSLTRTPPLMSQLI
EKPVAPSVMPAAAAGSSATGGAAPVGAGAMGGAQSGGSTRPGLVAPAPLAQEREEDDED
DWDEEDDW*

MTBN4

MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQE
AANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGE*

MTBN5

MAADYDKLFRPHEGMEAPDDMAAQPFDPSPASFPAPASANLPKPNGQTPPPTSDDLSE
FVSAPPPPPPPPPPPPPPTPMPIAAGEPPSPEPAASKPPTPPMPIAGPEPAPPKPPTPMP
IAGPEPAPPKPPTPPMPIAGPAPTPTESQLAPPRPPTPQTPTGAPQQPESPAPHVPSHGP
HQPRRTAPAPPWAKMPIGEPPPAPSRPSASPAEPPTRPAPQHSRRARRGHRYRTDTERNV
GKVATGPSIQARLRAEEASGAQLAPGTEPSAPPLGQPRSYLAPPTRPAPTEPPSPSPQR
NSGRRARERRVHPDLAAQHAAQOPDSITAATTGRRRKRAAPDLATQKSLRPAAKGPKVK
KVKPKPKKATKPPKVVSQGRWHVHALTRINLGLSPDEKYELDLHARVRRNPRGSYQIA
VVGLKGGAGKTTTLTAALGSTLAQVRADRIALDADPGAGNLADRVGRQSGATIADVLAEK
ELSHYNDIRAHTSVNAVNLVLPAPPEYSSAQRAALSADWHFIADPASRFYNLVLADCGAG
FFDPLTRGVLSTVSGVVVASVSIDGAQQASVALDWLRNNGYQDLASRACVVINHIMPGE
PNVAVKDLVRHFEQQVQPGRVVMPWDRHIAAGTEISLDLLDPIYKRKVLELAAALSDDF
ERAGRR*

FIG. 1 (continued)MTBN6

LSAPAVAAGPTAAGATAARPATTRVTILTGRRTDLDVLPAAVPMETYIDDTVAVLSEVLE
DTPADVLGGFDFTAQGVWAFARPGSPPLKLDQSLDDAGVVDGSLTLVSVSRTERYRPLV
EDVIDAIAVLDESPEFDRTALNRFVGAAIPLLTAPVIGMAMRAWWETGRSLWWPLAIGIL
GIAVLVGSFVANRFYQSGHLAECLLVTTYLLIATAAALAVPLPRGVNSLGAPQVAGAATA
VLFLTLMTTRGGPRKRHELASFVITAIAVIAAAAAFGYGYQDWVPAGGIAFGLFIVTNA
KLTVAVARIALPPIPVPGETVDNEELDPVATPEATSEETPTWQAIIASVPASAVRLTER
SKLAKQLLIGYVTSGLTILAAAGIAVVVRGHFFVHSLVAVAGLITTVCGFRSRLYAERWCA
WALLAATVAIPTGLTAKLIWYPHYAWLLLSVYLTVLVALVVVVGSMHVRRVSPVVKRT
LELIDGAMIAAII PMLLWITGVYDTRNIRF*

MTBN7

MAEPLAVDPTGLSAAAAKLAGLVFPQPPAPIAVSGTDSVVAAINETMPSIESLVSDGLPG
VKAALTRTASNMNAAADVAKTDQSLGTSLSQYAFGSSGEGLAGVASVGGQPSQATQLLS
TPVSQVTTQLGETAAELAPRVVATVPQLVQLAPHAVQMSQNASPIAQTISQTAQQAAQSA
QGGSGPMPAQLASAEKPATEQAEPVHEVTNDDQGDQGDVQPAEVVAAARDEGAGASPGQQ
PGGGVPAQAMDTGAGARPAASELAAPVDPSTPAPSTTTTL*

MTBN8

MSITRPTGSYARQMLDPGGWVEADEDTFYDRAQEYSQVLQRVTDVLDTCRQOKGHVFEGG
LWSGGAANAANGALGANINQLMTLQDYLATVITWHRHIAGLIEQAKSDIGNNVGDAQREI
DILENDPSLDADERHTAINSLVTATHGANVSLVAETAERVLESKNWKPKNALEDLLQOK
SPPPPDVPTLVVPSPGTPGTPTITPGTPTITPGTPTITPIPGAPVTPITPTPGTPVTPVT
PGKPVTPVTPVKPGTPGEPITPVTPPVAPATPATPATPVTPAPAPHPQPAPAPAPSPG
PQPVTPATPGPSGPATPGTPGGEPAHPVKPAALAEQPGVPGQHAGGGTQSGPAHADESAA
SVTPAAASGVPGARAAAAAPSGTAVGAGARSSVGTAASGAGSHAATGRAPVATSDKAAA
PSTRAASARTAPPARPPSTDHIDKPDRSESADDGTPVSMIPVSAARAARDAATAAASARQ
RGRGDALRLARRIAAALNASDNNAGDYGFFWITAVTTDGSIVVANSYGLAYIPDGMELPN
KVYLASADHAIPVDEIARCATYPVLAVQAWAAFHDMTLRAVIGTAEQLASSDPGVAKIVL
EPDDIPESGKMTGRSRLEVVDPSAAAQLADTTDQRLDLLPPAPVDVNPPGDERHMLWFE
LMKPMTSTATGREAAHLRAFRAYAHSQEIALHQAHTATDAAVQORVAVADWLYWQYVTGL
LDRALAAAC*

FIG. 2

mtbn1

1	atgactgctg	aaccggaagt	acggacgctg	cgcgagggtg	tgctggacca
51	gctcggcact	gctgaatcgc	gtgcgtaaa	gatgtggctg	ccgccgttga
101	ccaatccggt	cccgtcaac	gagctcatcg	cccgtgatcg	gcgacaaccc
151	ctgcgatttg	ccctggggat	catggatgaa	ccgcgccgcc	atctacagga
201	tgtgtggggc	gtagacgttt	ccggggccgg	cggcaacatc	ggtattgggg
251	gcgcacctca	aaccgggaag	tcgacgctac	tcgagacgat	ggtgatgtcg
301	gccgccgcca	cacactcacc	gcgcaacgtt	cagttctatt	gcacgcacct
351	aggtggcggc	gggctgatct	atctcgaaaa	ccttccacac	gtcgggtgggg
401	tagccaatcg	gtccgagccc	gacaagggtca	accgggtggg	cgcagagatg
451	caagccgtca	tgccggcaacg	ggaaaccacc	ttcaagggaac	accgagtggg
501	ctcgatcggg	atgtaccggc	agctgcggtga	cgatccaagt	caaccgcgtt
551	cgtccgatcc	atacggcgac	gtctttctga	tcacgcacgg	atggcccggg
601	tttgtcggcg	agttccccga	ccttgagggg	caggttcaag	atctggccgc
651	ccaggggctg	gcgttcggcg	tccacgtcat	catctccacg	ccacgctgga
701	cagagctgaa	gtcgcgtggt	cgcgactacc	tcggcaccaa	gatcgagttc
751	cggcttggtg	acgtcaatga	aaccagatc	gaccggatta	cccgcgagat
801	cccggcgaat	cgtccgggtc	gggcagtgct	gatggaaaag	caccatctga
851	tgatcggcgt	gcccagggtc	gacggcgtgc	acagcgccga	taacctggtg
901	gaggcgatca	ccgcgggggt	gacgcagatc	gcttcccagc	acaccgaaca
951	ggcacctccg	gtgcgggtcc	tgccggagcg	tatccacctg	cacgaactcg
1001	acccgaaccc	gccgggacca	gagtcgcact	accgcactcg	ctgggagatt
1051	ccgatcgggt	tgccgcgagac	ggacctgacg	ccggctcact	gccacatgca
1101	cacgaacccg	cacctactga	tcttcggtgc	ggccaaatcg	ggcaagacga
1151	ccattgccca	cgcgatcgcg	cgcgccattt	gtgcccga	cagtcgccag
1201	caggtgcggt	tcatgtctcg	ggactaccgc	tcgggcctgc	tgagcgcggt
1251	gccggacacc	catctgctgg	gcgcggcg	gatcaaccgc	aacagcgcg
1301	cgctagacga	ggccgttcaa	gcactggcg	tcaacctgaa	gaagcgggtg
1351	ccgccgaccg	acctgacgac	ggcgcagcta	cgctcgcggt	cgtggtggag
1401	cggatttgac	gtcgtgcttc	tggtcgacga	ttggcacatg	atcgtgggtg
1451	ccgccggggg	gatgccgcgc	atggcaccgc	tgcccccgtt	attgccggcg
1501	gcggcagata	tcgggttgca	catcattgtc	acctgtcaga	tgagccaggc
1551	ttacaaggca	accatggaca	agttcgtcgg	cgccgcattc	gggtcggggc
1601	ctccgacaat	gttcctttcg	ggcgagaagc	aggaattccc	atccagtgag
1651	ttcaagggtca	agcggcgccc	ccctggccag	gcattttctg	tctcgccaga
1701	cggcaaagag	gtcatccagg	ccccctacat	cgagcctcca	gaagaagtgt
1751	tcgcagcacc	cccaagcgcc	ggttaa		

mtbn2

1	atggaaaaaa	tgtcacatga	tccgatcgct	gccgacattg	gcacgcaagt
51	gagcgacaac	gctctgcacg	gcgtgacggc	cggctcgacg	gcgctgacgt
101	cggtgaccgg	gctggttccc	gcgggggccc	atgaggcttc	cgcccaagcg
151	gcgacggcgt	tcacatcgga	gggcatccaa	ttgctggctt	ccaatgcac
201	ggcccaagac	cagctccacc	gtgcgggcga	agcgggtccg	gacgtcgccc
251	gcacctattc	gcaaatecgac	gacggcgccg	ccggcgctct	cgcctaata

mtbn3

1	atgctgtggc	acgcaatgcc	accggagcta	aataccgcac	ggctgatggc
51	cggcgcgggg	ccggctccaa	tgcttgccgc	ggccgcggga	tggcagacgc
101	tttcggcggc	tctggacgct	caggccgtcg	agttgaccgc	gcgcctgaac

FIG. 2 (continued)

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151  tctctgggag aagcctggac tggaggtggc agcgacaagg cgcttgcggc
201  tgcaacgccg atggtggtct ggctacaaac cgcgtcaaca caggccaaga
251  cccgtgcatg gcaggcgacg gcgcaagccg cggcatacac ccaggccatg
301  gccacgacgc cgtcgctgcc ggagatcgcc gccaaaccaca tcaccaggc
351  cgtccttacg gccaccaact tcttcggtat caacacgacg ccgatcgctg
401  tgaccgagat ggattatttc atccgtatgt ggaaccaggc agccctggca
451  atggaggtct accaggccga gaccgcggtt aacacgcttt tcgagaagct
501  cgagccgatg gcgtcgatcc ttgatcccgg cgcgagccag agcacgacga
551  acccgatctt cggaatgccc tcccctggca gctcaacacc ggttggccag
601  ttgccgccgg cggctaccca gaccctcggc caactgggtg agatgagcgg
651  cccgatgcag cagctgaccc agccgctgca gcaggtgacg tcgttggtca
701  gccaggtggg cggcaccggc ggcggaacc cagccgacga ggaagccgcg
751  cagatgggcc tgctcggcac cagtcgctg tcgaaccatc cgctggctgg
801  tggatcaggg cccagcgccg gcgcgggcct gctgcgcgcg gactcgctac
851  ctggcgcagg tgggtcggtg acccgcacgc cgctgatgtc tcagctgatc
901  gaaaagccgg ttgccccctc ggtgatgccg gcggctgctg ccggatcgtc
951  ggcgacgggt ggcgcgcctc cggtgggtgc gggagcgatg ggccagggtg
1001 cgcaatccgg cggctccacc aggcgggtc tggtcgcgcc ggcaccgctc
1051 cgcgaggagc gtgaagaaga cgacgaggac gactgggacg aagaggacga
1101 ctggtga

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mtbn4

```

1    atggcagaga tgaagaccga tgccgctacc ctgcgcgagg aggcaggtaa
51   tttcgagcgg atctccggcg acctgaaaac ccagatcgac caggtggagt
101  cgacggcagg ttcggtgcag ggccagtggc gcggcgccgg ggggacggcc
151  gcccaggccg cgggtggtgcg cttccaagaa gcagccaata agcagaagca
201  ggaactcgac gagatctcga cgaatatctg tcaggccggc gtccaatact
251  cgagggccga cgaggagcag cagcaggcgc tgtcctcgca aatgggcttc
301  tga

```

mtbn5

```

1    atggcggccg actacgacaa gctcttccgg ccgcacgaag gtatggaagc
51   tccggacgat atggcagcgc agccgttctt cgaccccagt gcttcgtttc
101  cccggcgccg cgcacgggca aacctaccga agcccaacgg ccagactccg
151  cccccgacgt ccgacgacct gtcggagcgg ttcgtgtcgg ccccgccgcc
201  gccacccccca cccccacctc cgctccgcc aactccgatg ccgatcgccg
251  caggagagcc gccctcgccg gaaccggccg catctaaacc acctacacct
301  cccatgcccc tcgcccggac cgaaccggcc ccacccaaac caccacaccc
351  ccccatgccc atcgccggac ccgaaccggc cccacccaaa ccaccacac
401  ctccgatgcc catcgccgga cctgcaccca cccaaccoga atcccagttg
451  gcgcccccca gaccaccgac accacaaacg ccaaccggag cgccgcagca
501  accggaatca ccggcgcccc acgtaccctc gcacgggcca catcaacccc
551  ggcgacccgc accagaccgc ccctgggcaa agatgccaat cggcgaaccc
601  ccgcccgcctc cgtccagacc gtctgcgtcc ccggccgaac caccgaccgc
651  gcctgcccccc caacactccc gacgtgcgcg ccgggggtcac cgctatcgca
701  cagacaccga acgaaacgtc gggaaggtag caactggtcc atccatccag
751  gcgcggtctg gggcagagga agcatccggc gcgcagctcg ccccggaac
801  ggagccctcg ccagcgccgt tgggccaacc gagatcgat ctggctccgc
851  ccacccgccc cgcgccgaca gaacctcccc ccagcccctc gccgcagcgc
901  aactccggctc ggcgtgccga gcgacgcgtc caccocgatt tagccgcca

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FIG. 2 (continued)

951 acatgcccgcg ggcgaacctg attcaattac ggccgcaacc actggcggtc
 1001 gtcgccgcaa gcgtagcagc ccggatctcg acgcgacaca gaaatcctta
 1051 aggcggcgcg ccaagggggc gaaggtgaag aaggtgaagc cccagaaacc
 1101 gaaggccacg aagccgcccc aagtgggtgc gcagcgcggc tggcgacatt
 1151 gggtagcatgc gttgacgcga atcaacctgg gcctgtcacc cgacgagaag
 1201 tacgagctgg acctgcacgc tcgagtcggc cgcaatcccc gcgggtcgta
 1251 tcagatcgcc gtcgtcggtc tcaaagggtg ggctggcaaa accacgctga
 1301 cagcagcggt ggggtcgacg ttgggtcagg tgcggggccga ccggatcctg
 1351 gctctagacg cggatccagg cgccggaaac ctcgccgatc gggtagggcg
 1401 acaatcgggc gcgaccatcg ctgatgtgct tgcagaaaaa gagctgtcgc
 1451 actacaacga catccgcgca cacactagcg tcaatgcggt caatctggaa
 1501 gtgctgccgg caccggaata cagctcggcg cagcgcgcg ctcagcgacgc
 1551 cgactggcat ttcacgccc atcctgcgtc gaggttttac aacctcgtct
 1601 tggctgattg tggggcgcg cttctcgacc cgctgacccg cggcgtgctg
 1651 tccacggtgt ccggtgtcgt ggtcgtggca agtgtctcaa tcgacggcgc
 1701 acaacaggcg tcggtcgcg tggactggt gcgcaacaac ggttaccaag
 1751 atttggcgag ccgcgcatgc gtggtcatca atcacatcat gccgggagaa
 1801 cccaatgtcg cagttaaaga cctgggtgcg catttcgaac agcaagtcca
 1851 acccgccggg gtcgtggtca tgccgtggga caggcacatt gcggcgga
 1901 ccgagatttc actcgacttg ctcgacccta tctacaagcg caaggctctc
 1951 gaattggccg cagcgctatc cgacgatttc gagagggctg gacgtcgttg
 2001 a

mtbn6

1 ttgagcgcac ctgctgttgc tgctggtcct accgcccggg gggcaaccgc
 51 tgcgcggcct gccaccaccc gggtagcagat cctgaccggc agacggatga
 101 ccgatttggt actgccagcg gcggtgccga tggaaactta tattgacgac
 151 accgtcgcgg tgctttccga ggtgttgga gacacgcgg ctgatgtact
 201 cggcggttcc gactttaccg cgcaaggcgt gtgggcgttc gctcgtccc
 251 gatcgccgcc gctgaagctc gaccagtcac tcgatgacgc cgggggtggtc
 301 gacgggtcac tgctgactct ggtgtcagtc agtcgcaccg agcgtaccg
 351 accgttggtc gaggatgtca tcgacgcgat cgccgtgctt gacgagtcac
 401 ctgagttcga ccgcacggca ttgaatcgct ttgtgggggc ggcgatccc
 451 cttttgaccg cgcccgatc cggtatggcg atgcgggcgt ggtgggaaac
 501 tgggcgtagc ttgtggtggc cgttggcgat tggcatcctg gggatcgtg
 551 tgctggtagg cagcttcgtc gcgaacaggt tctaccagag cggccacctg
 601 gccgagtgc tactggtcac gacgtatctg ctgatcgcaa ccgccgcagc
 651 gctggccgtg ccgttgccgc gcgggggtcaa ctcgttgggg gcgccacaag
 701 ttgccggcgc cgctacggcc gtgctgtttt tgaccttgat gacgcggggc
 751 ggccctcgga agcgtcatga gttggcgctg tttgccgtga tcaccgctat
 801 cgcggtcatc gcggccgccc ctgccttcgg ctatggatac caggactggg
 851 tccccgcggg ggggatcgca ttcgggctgt tcattgtgac gaatgcggcc
 901 aagctgaccg tcgcggtcgc gcggatcgcg ctgccgcca ttccggtacc
 951 cggcgaaacc gtggacaacg aggagttgct cgatcccgtc gcgaccccg
 1001 aggtaccag cgaagaaacc ccgacctggc aggccatcat cgcgtcggtg
 1051 cccgcgtccg cggtccggct caccgagcgc agcaaactgg ccaagcaact
 1101 tctgatecga tacgtcacgt cgggcacctt gattctggct gccgggtgcca
 1151 tcgcggtcgt ggtgcgcggg cacttctttg tacacagcct ggtggtcgcg
 1201 ggtttgatca cgaccgtctg cggatttcgc tcgcggcttt acgccgagcg
 1251 ctggtgtgcg tgggcgttgc tggcggcgac ggtcgcgatt ccgacgggtc
 1301 tgacggccaa actcatcatc tggtaccgcg actatgcctg gctgtgtgtg

FIG. 2 (continued)

1351	agcgtctacc	tcacggtagc	cctgggttgcg	ctcgtggtgg	tccgggtcgat
1401	ggctcacgtc	cggcgcggtt	caccggtcgt	aaaacgaact	ctggaattga
1451	tcgacggcgc	catgatcgct	gccatcattc	ccatgctgct	gtggatcacc
1501	ggggtgtacg	acacgggtccg	caatatccgg	ttctga	

mtbn7

1	atggctgaac	cgttggccgt	cgatcccacc	ggcttgagcg	cagcggccgc
51	gaaattggcc	ggcctcggtt	ttccgcagcc	tccggcgccg	atcgcggtca
101	gcggaacgga	ttcgggtggt	gcagcaatca	acgagaccat	gccaaagcatc
151	gaatcgctgg	tcagtgcagg	gctgcccggc	gtgaaagccg	ccctgactcg
201	aacagcatcc	aacatgaacg	cggcgggcga	cgtctatgcg	aagaccgatc
251	agtcactggg	aaccagtttg	agccagtatg	cattcgggtc	gtcggggcga
301	ggcctgggtg	gcgtcgccct	ggtcgggtgg	cagccaagtc	aggctaccca
351	gctgctgagc	acacccgtgt	cacaggtcac	gacccagctc	ggcgagacgg
401	ccgctgagct	ggcaccocgt	gttggtgcga	cggtgccgca	actcgttcag
451	ctgggtccgc	acgcccgttc	gatgtcgcaa	aacgcattcc	ccatcgctca
501	gacgatcagt	caaaccgccc	aacaggccgc	ccagagcgcg	cagggcgggca
551	gcggcccaat	gcccgcacag	cttgccagcg	ctgaaaaacc	ggccaccgag
601	caagcggagc	cgggtccacga	agtgcacaa	gacgatcagg	gcgaccaggg
651	cgacgtgcag	ccggccgagg	tcgttgccgc	ggcacgtgac	gaaggcgccg
701	gcgcatcacc	gggcccagcag	cccggcgggg	gcgttcccgc	gcaagccatg
751	gataccggag	ccggtgcccc	cccagcgggc	agtcgctgg	cggcccccg
801	cgatccgtcg	actccggcac	cctcaacaac	cacaacggtg	tag

mtbn8

1	atgagtatta	ccaggccgac	gggcagctat	gccagacaga	tgctggatcc
51	gggcggtgg	gtggaagccg	atgaagacac	tttctatgac	cgggcccagg
101	aatatagcca	ggttttgcaa	agggtcaccc	atgtattgga	cacctgccgc
151	cagcagaaag	gccacgtctt	cgaaggcggc	ctatggtccg	gcggcgccgc
201	caatgctgcc	aacggcgccc	tgggtgcaaa	catcaatcaa	ttgatgacgc
251	tgcaggatta	tctcgccacg	gtgattacct	ggcacaggca	tattgcccgg
301	ttgattgagc	aagctaaatc	cgatatcggc	aataatgtgg	atggcgctca
351	acgggagatc	gatatacctg	agaatgaccc	tagcctggat	gctgatgagc
401	gccataccgc	catcaattca	ttggtcacgg	cgacgcattg	ggccaatgtc
451	agtctggtcg	ccgagaccgc	tgagcgggtg	ctggaatcca	agaattggaa
501	acctccgaag	aacgcactcg	aggatttgct	tcagcagaag	tcgccgccac
551	ccccagacgt	gcctaccctg	gtcgtgccat	ccccgggcac	accgggcaca
601	ccgggaaccc	cgatcacccc	gggaacccc	atcacccc	gaaccccaat
651	cacacccatc	ccgggagcgc	cggtaaactc	gatcacacca	acgcccggca
701	ctcccgtcac	gccggtgacc	ccgggcaagc	cggtcacccc	ggtgaccccc
751	gtcaaaccgg	gcacaccagg	cgagccaacc	ccgatcacgc	cggtcacccc
801	cccggtcgcc	ccggccacac	cggcaacccc	ggccacgccc	gttaccaccg
851	ctcccgtccc	acacccgcag	ccggctccgg	caccggcgcc	atcgctggg
901	ccccagccgg	ttacaccggc	cactcccgg	ccgtctggtc	cagcaacacc
951	gggcacccca	gggggagcgc	cggcgccgca	cgtcaaacc	gcggcggttg
1001	cggagcaacc	tggtgtgccg	ggccagcatg	cgggcggggg	gacgcagtgc
1051	gggcctgccc	atgcggacga	atccgcgcgc	tcggtgacgc	cggctgcggc
1101	gtccggtgtc	ccgggagcac	gggcggcggc	cgccgcgcgc	agcggatacc
1151	ccgtgggagc	gggcgcgcgt	tcgagcgtgg	gtacggccgc	ggcctcgggc
1201	gcgggggtcgc	atgctgccc	tgggcggggc	ccggtgggta	cctcgacaa

FIG. 2 (continued)

1251 ggcggcgga cccgagcacgc gggcggcctc ggcgcggacg gcacctcctg
1301 cccgcccgc gtcgaccgat cacatcgaca aacccgatcg cagcgagtct
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